

PATENT ABSTRACTS OF JAPAN

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(54) FORMWORK

(57)Abstract:

PROBLEM TO BE SOLVED: To improve workability, reduce the number of processes and rationalize construction without

requiring the separation of a formwork and batter materials by mounting a finishing material or a finishing backing material on the outside face of a formwork weir plate and providing ribs or protrusions on the inside face for joining between the ribs or the protrusions of opposed formwork weir plates with a metal rod.

SOLUTION: In a formwork used for the construction of vertical members such as columns and walls in a multiple dwelling house in a reinforced concrete structure, a formwork weir plate 1 injection-molded with synthetic resin such as polyethylene as raw material has vertically and laterally continuous ribs 3 integrally protruded on the inside face and a finishing material or a finishing backing material 2 consisted of a calcium silicate

plate adhered and secured to the outside face. The formwork weir plate 1 also has a fitting protrusion 5 or a fitting groove 6 integrally formed on the rectangular outer periphery. The ribs 3 are provided with locking holes 7, the locking end 8a of a metal rod 8 is inserted in a locking hole 7 and stretched between the ribs 3 of the opposed formwork weir plates 1 and the formwork weir plates 1 are fastened with the metal rod 8.

